

Early Warning Systems and link to humanitarian contingency planning and assistance

San José, Costa Rica. Marzo 2010



World Food Programme

Our context

- Growing food insecurity
- Decline in coping capacities
- More frequent and intense disasters
- Climate change multiplying global risks



WFP strategic plan

Objective

Prevent Acute Hunger and Invest in Disaster Preparedness and Mitigation Measures

Goals

To support and strengthen capacities of governments to prepare for, assess and respond to acute hunger arising from disasters

To support and strengthen resiliency of communities to shocks through safety nets or asset creation, including adaptation to climate change

Main Tools

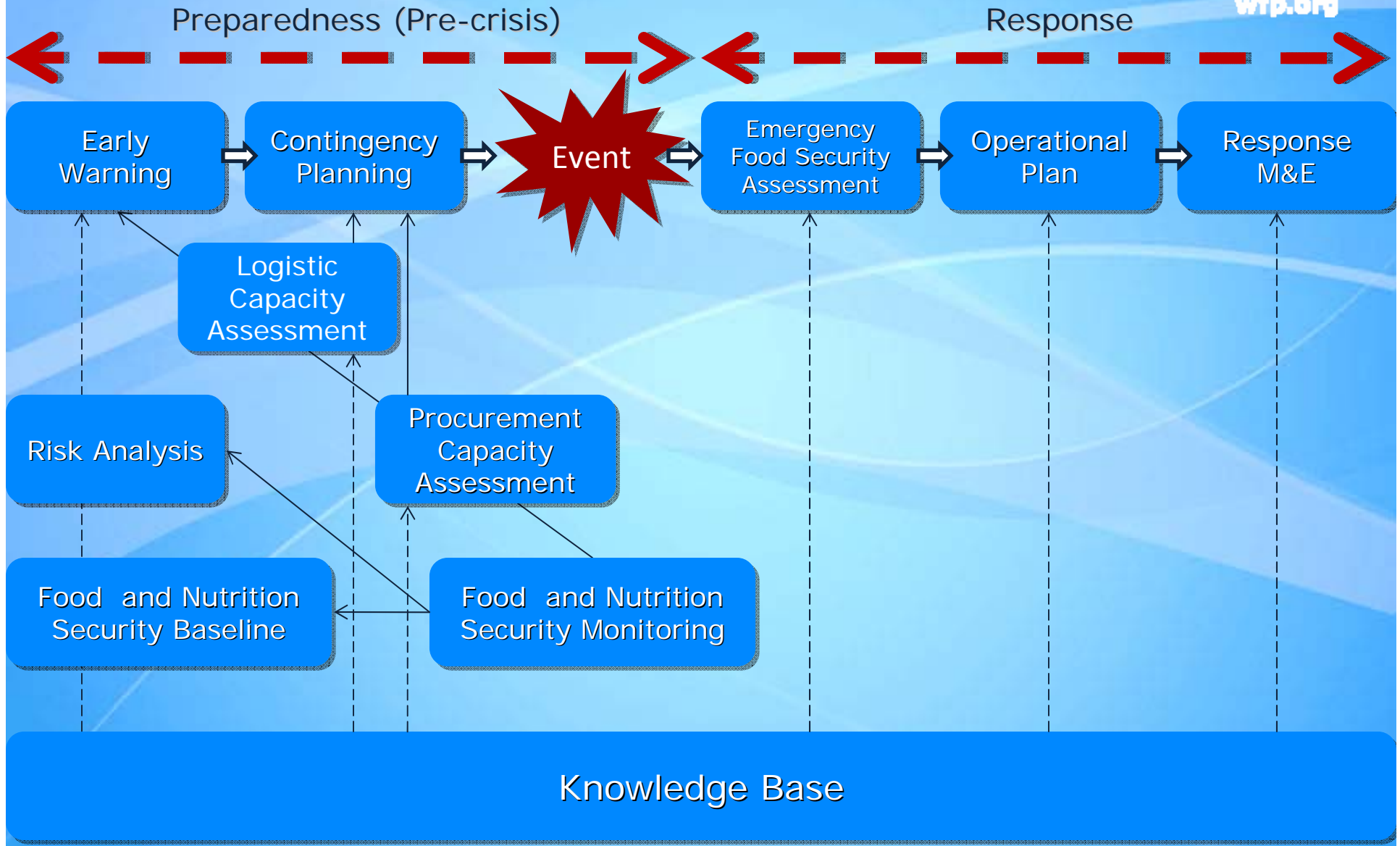
Vulnerability analysis and mapping

Early warning products and tools

Disaster preparedness and mitigation programmes

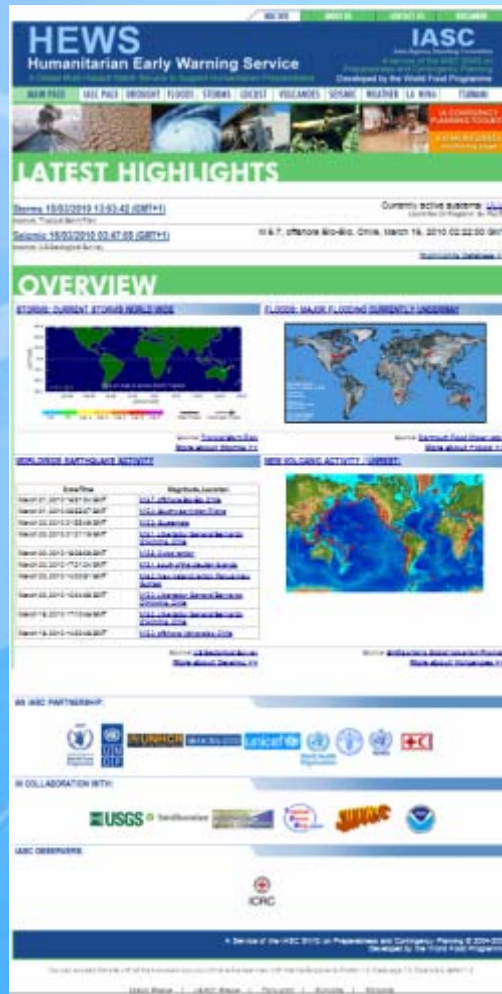
Programmes to help communities reinforce their essential food and nutrition security systems and infrastructures, as well as their adaptability to climate change

WFP Information System for emergency preparedness and response



Global

Humanitarian Early Warning System



www.hewsweb.org

Emergency and Response Web



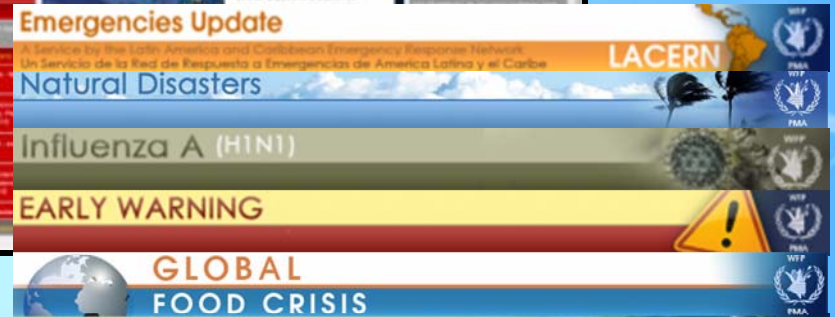
Information Technology for Humanitarian Assistance, Cooperation and Action



Latin America and the Caribbean



- WFP has been progressively developing its information management and sharing capacity, focusing on
 - Web-oriented platform for information sharing (REDHUM)
 - Reports on emergencies and LACERN activities (Emergencies Update, LACERN Update)
 - Early warning information (SATCA web, CAFFG web)
 - NUTRINET



Central America Early Warning System

The main purpose of SATCA is to strengthen early warning capacities and systems across Central America with a view to enhancing humanitarian preparedness among local and regional actors in favour of the most vulnerable and food insecure populations in the region.

www.satcaweb.org



Main Features



- One-stop-shop
- A multi-hazard approach
- Real time and near real time information
- Promoting regional harmonization
- Friendly access
- South-South Collaboration
- Broadening Cooperation
- State-of-the-art information technology

Tools

- SATCAweb
- Early Impact Tool and Geo-Assistant
- Advanced System for Warning Dissemination
- Food Security Monitoring
 - Crop Condition

WFP Naciones Unidas Programa Mundial de Alimentos PMA

Sistema de Alerta Temprana para Centroamérica www.satcaweb.org

EL SALVADOR ALERTA AMARILLO NOAA-AT No...

GeoAssistant Sistema de Alerta Temprana para Centroamérica

SADA Sistema Avanzado de Alerta Dirección de Alertas

Dirección General de Protección Civil

23-03-2008 13:11:45 Se eleva de categoría la alerta amarilla para las de la Bahía, Alameda

SISTEMA DE MONITORIO DE CONDICIONES DE CULTIVOS Y PRECIOS

Usuario:
Clave:

SNET



Early Impact Tool and Geo-Assistant

GeoAssistant
Sistema de Alerta Temprana para Centroamérica

Inicio | Observación | Descripción | Ayuda | Preferencias | Salir

Legenda poblada
Aeropuertos (Planilla)
Puentes (Planilla)
Aeropuertos
Escuelas (SLV)
Albergues Temporales (SLV)

Legenda poblada | Aeropuertos (planilla) | Puentes | Escuelas | Aeropuertos (SLV) | Albergues Temporales (SLV)

GeoAssistant
Sistema de Alerta Temprana para Centroamérica

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Albergues Temporales (SLV)
Albergues Alternativos
Población por cantón
Cantones
Puentes SRE
Cabecera Municipal

Agregar nuevo elemento | Albergues Alternativos | Población por cantón | Cantones | Puentes SRE | Cabecera Municipal

Información base | Ver de respuesta

Nombre del albergue
Número del albergue
Acceso a agua potable

Guardar | Limpiar

GeoAssistant
Sistema de Alerta Temprana para Centroamérica

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Albergues Temporales (SLV)

| NOMBRE | DEPARTO | CADAJO | CANTÓN | CASERO | COLONIA | INICIAL | TORRENO | TILMADO | IND |
|---------------------------|--------------|---------------|---------------|--------|-----------------|--------------|---------|---------|-----|
| CDA COMARAL STELA | CHALATENANGO | | | | BARRO EL CENTRO | Casa comunal | 0 | 160 | 16 |
| C.E. 22 DE JUNIO | CHALATENANGO | | | | | Escuela | 40 | 40 | 17 |
| CDA COMARAL SAN IGNACIO | CHALATENANGO | | | | BARRO EL CENTRO | Casa comunal | 0 | 275 | 18 |
| C.E. SANTA ROSA | CHALATENANGO | SANTA ROSA | SANTA ROSA | | | Escuela | 400 | 400 | 19 |
| CDA COMARAL REUBICACION 2 | CHALATENANGO | REUBICACION 2 | REUBICACION 2 | | | Casa comunal | 0 | 491 | 130 |
| CDA COMARAL EL PAPIASO | CHALATENANGO | | | | BARRO EL CENTRO | Casa comunal | 0 | 250 | 131 |

Advanced System for Warning Dissemination



SADA Sistema Avanzado de Difusión de Alertas

MOD | SEGUIMIENTO | CIRCUNDA | SALIDA

SADA Sistema Avanzado de Difusión de Alertas

MOD | SEGUIMIENTO | CIRCUNDA | SALIDA



| No. Escucha/Alerta | Título | Evento | Herramientas |
|--------------------|------------------|--|-------------------------|
| 85 | 2009-03-18 11:46 | Se eleva de categoría terremoto. Alerta amarilla para Islas de la Bahía, Atlántida | Alerta Amarella Horario |
| 84 | 2009-02-03 15:27 | Empeoreamiento en el municipio de San Lorenzo | Mobilización Sismo |
| 83 | 2009-09-24 10:37 | PROTECCION CIVIL. CARCELIA ALERTA AMARILLA Y REGRESA A VERDE A NIVEL NACIONAL | Alerta Clima |
| 82 | 2009-09-24 10:22 | Se reduce a verde la alerta | Alerta Verde Clima |
| 81 | 2009-09-24 09:12 | PROTECCION CIVIL. MATIERE ALERTA AMARILLA A NIVEL NACIONAL | Alerta Amarella Clima |

1 2 3

Sistema Avanzado de Difusión de Alertas SADA
Desarrollado por el Programa Mundial de Alimentos de las Naciones Unidas



Tipo de Amasijo:

Tipo de Informe:

Título:

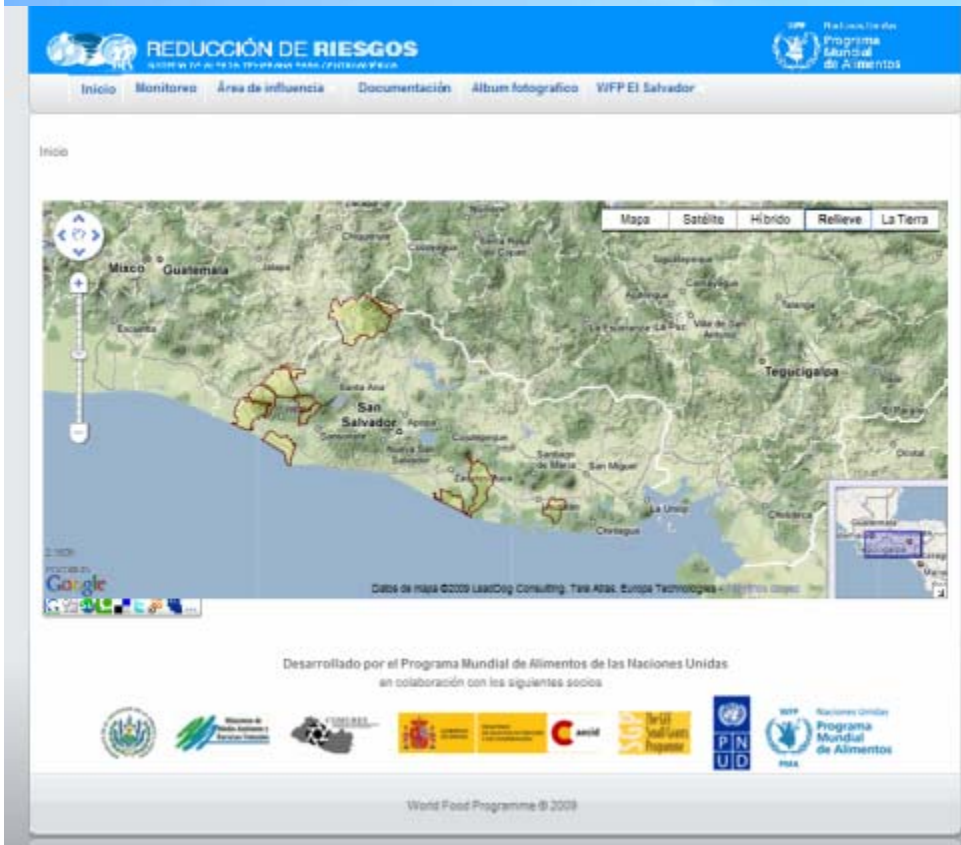
Publicar

DESCRIPCIÓN DE IMPACTO

GUARDAR

| Departamento | Municipio | Nombre |
|--------------|-----------|---|
| SONONTE | AMARILLA | CENTRO ESCOLAR CAJON DE SANTA TERESA CAYES CIBAS |
| SONONTE | AMARILLA | CENTRO ESCOLAR "SAN JOSE ESCOBADO" |
| SONONTE | AMARILLA | CENTRO ESCOLAR "SAN RAMON UNABIT" |
| SONONTE | AMARILLA | ESCUELA DE EDUCACION ESPECIAL "EL AMARILLO" |
| SONONTE | AMARILLA | ESCUELA DE EDUCACION PARAVISUAL "MARIANO" |
| SONONTE | AMARILLA | CENTRO ESCOLAR "GUSTAVO LA FUENTE" |
| LA LIBERTAD | TOPAZCO | CENTRO ESCOLAR "DE TEPICOTI" |
| SONONTE | SAN ANTON | CENTRO ESCOLAR "DOCTOR EDUARDO RAMIREZ BARRIBENA" |
| LA LIBERTAD | TARANQUIA | CENTRO ESCOLAR "CARLOS BUNDES AREZ" |
| SONONTE | CAJES | CENTRO ESCOLAR "REPUBLICA DE CHINA" |

Local



- Municipal Contingency Plan
- Critical infrastructure mapping
- Risk analysis
- Scenario and planning
- Coordination



Enhancing inter-institutional collaboration

- SICA / CEPREDENAC
- Common theme
 - Scientific Institutions
 - National Governments
 - Humanitarian Actors
- South – South Collaboration
- Complements other regional initiatives

Emergency preparedness and response strategy in LAC

- Cluster lead agency in humanitarian logistics, offering services to broader humanitarian community

HUB network

- One central hub in Panama, managed by UNHRD
- Two sub-regional hubs in El Salvador and Ecuador

WFP emergency response team

- Professionals in the WFP Regional Bureau
- Roster of over 100 emergency staff located in the region's 11 WFP Country Offices



Gracias

www.wfp.org

www.satcaweb.org

Elbyn.Ramirez@wfp.org

+503 22.63.61.44



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